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(71) Applicant: **OSAKA GAS CO LTD**

(72) Inventor: **TABATA TAKESHI
KOUKETSU MIKAKO
OKADA OSAMU
OTSUKA HIROFUMI
GIUSEPPE BELLUSSI
LUIGINA MARIA FLORA
SABATINO**

**(54) CATALYST FOR REDUCING NITROGEN OXIDE
AND REDUCTION OF NITROGEN OXIDE**

gas containing water vapor, or the like, and to provide a method for reducing NO_x using this catalyst.

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a catalyst for reducing NO_x in an exhaust gas containing only relatively lower hydrocarbons such as the combustion exhaust gas of natural gas, which has enough low temperature activity and durability even in an exhaust

SOLUTION: In a catalyst which contains at least a crystalline metallosilicate with Co ion-exchanged and reduces NO_x by hydrocarbons under excess oxygen, the average diameter of the primary particles of the crystalline metallosilicate is 0.01-0.2 μm.

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